

Product Data Sheet

Product Name: YS-67
Cat. No.: GC73747

Chemical Properties

Cas. No. 2761327-15-3

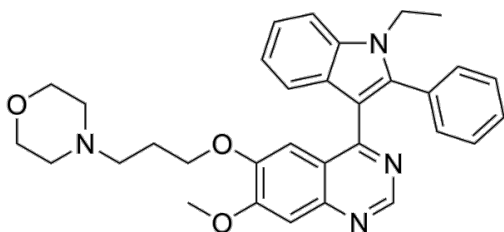
Formula $C_{32}H_{34}N_4O_3$ M.Wt 522.64

Solubility DMSO : 20 mg/mL (38.27 mM);
ultrasonic and warming and heat to 60°C) Storage -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

YS-67 is a potent inhibitor of EGFR with an IC₅₀ of 5.2 nM. YS-67 significantly inhibits p-EGFR and p-AKT. YS-67 inhibits the proliferation of A549, PC-9, and A431 cells with IC₅₀s of 4.1, 0.5, and 2.1 μM, respectively.

References:

[1]. He P, et al. Design, synthesis and biological evaluation of structurally new 4-indolyl quinazoline

Caution: Product has not been fully validated for medical applications. For research use only.

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derivatives as highly potent, selective and orally bioavailable EGFR inhibitors. Bioorg Chem. 2024 Jan;142:106970.

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